(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 3 February 2005 (03.02.2005)

PCT

(10) International Publication Number WO 2005/010635 A2

(51) International Patent Classification7:

G06F

English

US

(21) International Application Number:

PCT/IB2004/051349

(22) International Filing Date: 30 July 2004 (30.07.2004)

(25) Filing Language: English

(30) Priority Data:

60/491,049

(26) Publication Language:

30 July 2003 (30.07.2003)

(71) Applicant and

(72) Inventor: KUMAR, Rajendra [US/US]; 712 Stonecliff Drive, Akron, OH 44313 (US).

(74) Agent: MUZILLA, David; 1225 West Market Street. Akron, OH 44313-7188 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

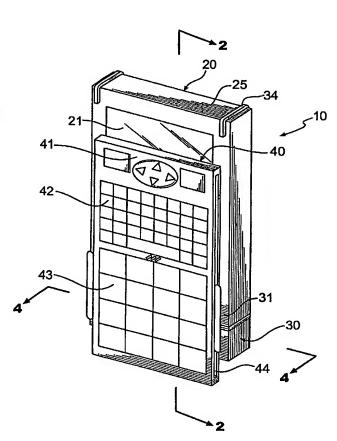
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH. GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: A HANDHELD COMPUTING AND COMMUNICATION DEVICE WITH A MULTIPOSITION KEYBOARD LID



(57) Abstract: A portable, digital electronic device (10) is disclosed which comprises a host unit (20), including a display (21), and a keyboard module (40) connected to the host unit (20) and including at least one group of keys (41, 42, 43). The keyboard module (40) is moveable between at least two allowable positions with respect to the host unit (20), wherein a first allowable position of at least two allowable positions results in the keyboard module (40) substantially covering the display (21), and wherein a second allowable position of at least two allowable positions results in the display (21) being at least partially exposed.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.